

Does Not Comply
Corrected Diskette Needed

OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/811,384

DATE: 06/28/2001

TIME: 11:34:46

Input Set : A:\P1729C1.txt

Output Set: N:\CRF3\06282001\I811384.raw

SEQUENCE LISTING

W--> 3 (SEQUENCE LISTING)

Delete duplicate information.

5 (1) GENERAL INFORMATION:

7 (i) APPLICANT: Bednar, Martin M.

8 Thomas, G. Roger

9 Gross, Cordell E.

11 (ii) TITLE OF INVENTION: ANTI-CD18 ANTIBODIES IN STROKE

13 (iii) NUMBER OF SEQUENCES: 15

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Genentech, Inc.

17 (B) STREET: 1 DNA Way

18 (C) CITY: South San Francisco

19 (D) STATE: California

20 (E) COUNTRY: USA

21 (F) ZIP: 94080

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

25 (B) COMPUTER: IBM PC compatible

26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

27 (D) SOFTWARE: WinPatin (Genentech)

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/811,384

C--> 31 (B) FILING DATE: 20-Dec-2000

32 (C) CLASSIFICATION:

42 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 09/251652

36 (B) FILING DATE: 17-FEB-2000

39 (A) APPLICATION NUMBER: 08/788800

40 (B) FILING DATE: 22-JAN-1997

43 (A) APPLICATION NUMBER: 60/093038

44 (B) FILING DATE: 23-JAN-1996

46 (viii) ATTORNEY/AGENT INFORMATION:

47 (A) NAME: Love, Richard B.

48 (B) REGISTRATION NUMBER: 34,659

49 (C) REFERENCE/DOCKET NUMBER: P1729C1

51 (ix) TELECOMMUNICATION INFORMATION:

52 (A) TELEPHONE: 650/225-5530

53 (B) TELEFAX: 650/952-9881

54 (2) INFORMATION FOR SEQ ID NO: 1:

56 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 98 amino acids

58 (B) TYPE: Amino Acid

59 (D) TOPOLOGY: Linear

61 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

63 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Ser

64 1 5 10 15

66 Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys

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```

67          20          25          30
69 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
70          35          40          45
72 Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
73          50          55          60
75 Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
76          65          70          75
78 Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys Pro Ser
79          80          85          90
81 Asn Thr Lys Val Asp Lys Arg Val
82          95
84 (2) INFORMATION FOR SEQ ID NO: 2:
86   (i) SEQUENCE CHARACTERISTICS:
87       (A) LENGTH: 98 amino acids
88       (B) TYPE: Amino Acid
89       (D) TOPOLOGY: Linear
91   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
93 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
94   1          5          10          15
96 Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys
97          20          25          30
99 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
100          35          40          45
102 Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
103          50          55          60
105 Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Asn
106          65          70          75
108 Phe Gly Thr Gln Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser
109          80          85          90
111 Asn Thr Lys Val Asp Lys Thr Val
112          95
114 (2) INFORMATION FOR SEQ ID NO: 3:
116   (i) SEQUENCE CHARACTERISTICS:
117       (A) LENGTH: 98 amino acids
118       (B) TYPE: Amino Acid
119       (D) TOPOLOGY: Linear
121   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
123 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
124   1          5          10          15
126 Arg Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly Cys Leu Val Lys
127          20          25          30
129 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
130          35          40          45
132 Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
133          50          55          60
135 Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
136          65          70          75
138 Leu Gly Thr Gln Thr Tyr Thr Cys Asn Val Asn His Lys Pro Ser
139          80          85          90

```

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```

141 Asn Thr Lys Val Asp Lys Arg Val
142      95
144 (2) INFORMATION FOR SEQ ID NO: 4:
146     (i) SEQUENCE CHARACTERISTICS:
147         (A) LENGTH: 98 amino acids
148         (B) TYPE: Amino Acid
149         (D) TOPOLOGY: Linear
151     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
153 Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser
154   1      5      10      15
156 Arg Ser Thr Ser Glu Ser Thr Ala Ala Leu Gly Cys Leu Val Lys
157      20      25      30
159 Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala
160      35      40      45
162 Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser
163      50      55      60
165 Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser
166      65      70      75
168 Leu Gly Thr Lys Thr Tyr Thr Cys Asn Val Asp His Lys Pro Ser
169      80      85      90
171 Asn Thr Lys Val Asp Lys Arg Val
172      95
174 (2) INFORMATION FOR SEQ ID NO: 5:
176     (i) SEQUENCE CHARACTERISTICS:
177         (A) LENGTH: 107 amino acids
178         (B) TYPE: Amino Acid
179         (D) TOPOLOGY: Linear
181     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
183 Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser Asp
184   1      5      10      15
186 Glu Gln Leu Lys Ser Gly Thr Ala Ser Val Val Cys Leu Leu Asn
187      20      25      30
189 Asn Phe Tyr Pro Arg Glu Ala Lys Val Gln Trp Lys Val Asp Asn
190      35      40      45
192 Ala Leu Gln Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp
193      50      55      60
195 Ser Lys Asp Ser Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser
196      65      70      75
198 Lys Ala Asp Tyr Glu Lys His Lys Val Tyr Ala Cys Glu Val Thr
199      80      85      90
201 His Gln Gly Leu Ser Ser Pro Val Thr Lys Ser Phe Asn Arg Gly
202      95      100     105
204 Glu Cys
207 (2) INFORMATION FOR SEQ ID NO: 6:
209     (i) SEQUENCE CHARACTERISTICS:
210         (A) LENGTH: 105 amino acids
211         (B) TYPE: Amino Acid
212         (D) TOPOLOGY: Linear
214     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

```

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```

216  Gln Pro Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser Ser
217      1          5          10          15
219  Glu Glu Leu Gln Ala Asn Lys Ala Thr Leu Val Cys Leu Ile Ser
220          20          25          30
222  Asp Phe Tyr Pro Gly Ala Val Thr Val Ala Trp Lys Ala Asp Ser
223          35          40          45
225  Ser Pro Val Lys Ala Gly Val Glu Thr Thr Thr Pro Ser Lys Gln
226          50          55          60
228  Ser Asn Asn Lys Tyr Ala Ala Ser Ser Tyr Leu Ser Leu Thr Pro
229          65          70          75
231  Glu Gln Trp Lys Ser His Arg Ser Tyr Ser Cys Gln Val Thr His
232          80          85          90
234  Glu Gly Ser Thr Val Glu Lys Thr Val Ala Pro Thr Glu Cys Ser
235          95          100          105

```

237 (2) INFORMATION FOR SEQ ID NO: 7:

239 (i) SEQUENCE CHARACTERISTICS:

240 (A) LENGTH: 100 amino acids

241 (B) TYPE: Amino Acid

242 (D) TOPOLOGY: Linear

244 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

```

246  Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Ser Pro
247      1          5          10          15
249  Lys Asn Ser Ser Met Ile Ser Asn Thr Pro Ala Leu Gly Cys Leu
250          20          25          30
252  Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser
253          35          40          45
255  Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val Leu Gln
256          50          55          60
258  Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val Pro His
259          65          70          75
261  Gln Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn His Lys
262          80          85          90
264  Pro Ser Asn Thr Lys Val Asp Lys Arg Val
265          95          100

```

267 (2) INFORMATION FOR SEQ ID NO: 8:

269 (i) SEQUENCE CHARACTERISTICS:

270 (A) LENGTH: 11 amino acids

271 (B) TYPE: Amino Acid

272 (D) TOPOLOGY: Linear

274 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

```

276  Pro Lys Asn Ser Ser Met Ile Ser Asn Thr Pro
277      1          5          10

```

279 (2) INFORMATION FOR SEQ ID NO: 9:

281 (i) SEQUENCE CHARACTERISTICS:

282 (A) LENGTH: 8 amino acids

283 (B) TYPE: Amino Acid

284 (D) TOPOLOGY: Linear

286 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

```

288  His Gln Asn Leu Ser Asp Gly Lys

```

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```

289      1          5
291 (2) INFORMATION FOR SEQ ID NO: 10:
293      (i) SEQUENCE CHARACTERISTICS:
294          (A) LENGTH: 232 amino acids
295          (B) TYPE: Amino Acid
296          (D) TOPOLOGY: Linear
298      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
300  Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
301      1          5          10          15
303  Gly Ser Leu Arg Leu Ser Cys Ala Thr Ser Gly Tyr Thr Phe Thr
304      20          25          30
306  Glu Tyr Thr Met His Trp Met Arg Gln Ala Pro Gly Lys Gly Leu
307      35          40          45
309  Glu Trp Val Ala Gly Ile Asn Pro Lys Asn Gly Gly Thr Ser His
310      50          55          60
312  Asn Gln Arg Phe Met Asp Arg Phe Thr Ile Ser Val Asp Lys Ser
313      65          70          75
315  Thr Ser Thr Ala Tyr Met Gln Met Asn Ser Leu Arg Ala Glu Asp
316      80          85          90
318  Thr Ala Val Tyr Tyr Cys Ala Arg Trp Arg Gly Leu Asn Tyr Gly
319      95          100         105
321  Phe Asp Val Arg Tyr Phe Asp Val Trp Gly Gln Gly Thr Leu Val
322      110         115         120
324  Thr Val Ser Ser Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu
325      125         130         135
327  Ala Pro Ser Ser Lys Ser Thr Ser Gly Gly Thr Ala Ala Leu Gly
328      140         145         150
330  Cys Leu Val Lys Asp Tyr Phe Pro Glu Pro Val Thr Val Ser Trp
331      155         160         165
333  Asn Ser Gly Ala Leu Thr Ser Gly Val His Thr Phe Pro Ala Val
334      170         175         180
336  Leu Gln Ser Ser Gly Leu Tyr Ser Leu Ser Ser Val Val Thr Val
337      185         190         195
339  Pro Ser Ser Ser Leu Gly Thr Gln Thr Tyr Ile Cys Asn Val Asn
340      200         205         210
342  His Lys Pro Ser Asn Thr Lys Val Asp Lys Lys Val Glu Pro Lys
343      215         220         225
345  Ser Cys Asp Lys Thr His Thr
346      230
348 (2) INFORMATION FOR SEQ ID NO: 11:
350      (i) SEQUENCE CHARACTERISTICS:
351          (A) LENGTH: 214 amino acids
352          (B) TYPE: Amino Acid
353          (D) TOPOLOGY: Linear
355      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
357  Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
358      1          5          10          15
360  Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asp Ile Asn
361      20          25          30

```

VERIFICATION SUMMARY

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Input Set : A:\P1729C1.txt

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L:3 M:244 W: Invalid beginning of sequence listing, Data=[SEQUENCE LISTING], Duplicate Sequence Listing Title!

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]